What is claimed is:

1.   A print system for use through a network, comprising:

a service system connected to the network and having a

storage section in which a plurality of data are stored in a

plurality of data storing locations; and

a printer client system connected to the network and

having a printer, wherein the printer client system accesses

the service system through the network so as to obtain a data

storing location of request data, downloads the request data

from the obtained data storing location of the storage

section, and conducts printing on the basis of the request

data by the printer; and

wherein the printer client system notifies the printing

result to the service system.

2.   The print system of claim 1, wherein the service system

has a calculating section to calculate a payment to be

charged for the printer client system in accordance with the

printing result.

3.   The print system of claim 1, wherein the service system

has a cryptograph processing section to encrypt the request

data and the printer client system downloads the encrypted

request data.

4.   The print system of claim 1, wherein the storage

section comprises a data server to store the plurality of

data at the plurality of data storing locations and a master

server to store data regarding the plurality of data storing

locations.

5.   The print system of claim 1, wherein the printer client

system sets a cryptograph key for each client, and wherein

when the printer client system accesses the service system,

the printer client system provided the request data with a

digital signature encrypted by the cryptograph key.

6.   The print system of claim 1, wherein when the printer

client system accesses the service system, the printer client

system provided the request data with a digital signature by

a public key cryptograph method.

7.   The print system of claim 1, wherein the printer client

system has an information processing apparatus.

8.   .The print system of claim 7, wherein the information processing apparatus orders the printer to conduct the printing on the basis of the request data after obtaining the data storing location and downloading the request data and notifies the printing result after obtaining the printing result from the printer.

9.   The print system of claim 1, wherein the service system transmits estimated payment information for the request data to the printer client system and the printer client systems indicates an estimated payment on the basis of the estimated payment information.

10.   A print system for use through a network, comprising:

    a service system connected to the network and having a storage section in which a plurality of data are stored, and a calculating section to calculate a payment to be charged; and

    a printer client system connected to the network and having a printer, wherein the printer client system accesses the service system through the network, downloads request data from the storage section, conducts printing on the basis of the request data by the printer and notifies the printing result of the request data to the service system; and

wherein the calculating section of the service system calculates the payment to be charged for the printer client system in accordance with the printing result.

11.   A print system for use through a network, comprising:

a service system connected to the network and having a storage section in which a plurality of data are stored in a plurality of data storing locations; and

a printer client system connected to the network and having a printer, wherein the printer client system accesses the service system through the network, downloads the request data from the storage section, and conducts printing on the basis of the request data by the printer;

wherein when the printer client system accesses the service system, the printer client system selects one of a page-unit printing mode or a book-unit printing mode, the service system changes a page arrangement order in accordance with the selected printing mode, and the printer client system downloads the request data in the form of the changed page arrangement order and conducts the printing on the basis of the request data in the form of the changed page arrangement order.

12.   A print system for use through a network, comprising:

a service system connected to the network and having a storage section in which a plurality of data are stored in a plurality of data storing locations; and

a printer client system connected to the network and having a printer, wherein the printer client system accesses the service system through the network, downloads the request data from the storage section, and conducts printing on the basis of the request data by the printer;

wherein when the printer client system accesses the service system, the printer client system selects a printing specification, the service system changes a page arrangement order in accordance with the selected printing specification, and the printer client system downloads the request data in the form of the changed page arrangement order and conducts the printing on the basis of the request data in the form of the changed page arrangement order.

13.   A print system for use through a network, comprising:

a data server connected to the network and to store data in a plurality of data storing locations;

a master server connected to the network and to store data regarding the plurality of data storing locations; and

a printer client system connected to the network and having a printer, wherein the printer client system specifies

data of a printing target and notifies the data of the

printing target to the master server; the master server

transmits a data storing location to the printer client

system; the printer client system accesses the data server on

the basis of the data storing location, downloads data from

the data server and conducts printing on the basis of the

downloaded data by the printer; and the printer client system

notifies the printing result to at least one of the data

server and the master server.

14.   The print system of claim 13, wherein when the printer

client system requests log-in for the master server, the

master server certifies the request of log-in of the printer

client system.

15.   The print system of claim 13, wherein the master server

transmits estimated payment information for the printing

target to the printer client system and the printer client

systems indicates an estimated payment on the basis of the

estimated payment information.

16.   The print system of claim 15, wherein the master server

preserves the estimated payment information.

17.   The print system of claim 16, wherein the master server preserves the estimated payment information together with a period of validity and when the period of validity has passed over, the master server make the preserved estimated payment information to be invalid.

18.   The print system of claim 15, wherein the master server transmits the preserved estimated payment information to the printer client system.

19.   The print system of claim 15, wherein the printer client system sends an order signal to the master server.

20.   The print system of claim 19, wherein the order signal is a signal to order in accordance with the estimated payment information.

21.   The print system of claim 19, wherein the master server transmits job ID information to the printer client system in response to the order signal.

22.   The print system of claim 21, wherein the data server specifies the data on the basis of the job ID information.

23.   The print system of claim 20, wherein the master server

preserves the estimated payment information together with a

period of validity and when the period of validity has passed

over, the master server make the preserved estimated payment

information to be invalid.

24.   The print system of claim 20, wherein the data server

specifies the printer client server capable of printing on

the basis of the job ID iformation.

25.   The print system of claim 20, wherein the data server

collates the job ID information sent from the printer client

system with the job ID information transmitted from the

master server and specifies the printer client system capable

of printing.

26.   The print system of claim 20, wherein the data server

forwards the job ID information sent from the printer client

system to the master server and the master server collates

the job ID information with the job ID information forwarded

from the data server and specifies the printer client system

capable of printing.

27.   The print system of claim 18, wherein the master server transmits a data storing location to the printer client system in response to the order signal.

28.   The print system of claim 14, wherein at lease one of the estimated payment information and the printing result is provided with a digital signature by a public key cryptograph method.

29.   The print system of claim 12, wherein the printer client system accesses the data server on the basis of the obtained the data storing location and sends a print specification to the data server.

30.   The print system of claim 29, wherein the data server conducts a data conversion processing for the specified data on the basis of the print specification.

31.   The print system of claim 30, wherein the data conversion processing includes a process to change a page arrangement order into an order corresponding to a processing capability of the printer client system.

32.   The print system of claim 29, wherein the print specification includes a request of download on a unit of page or a unit of book.

33.   The print system of claim 12, wherein the data server comprises encrypts the specified data and the printer client system decrypts the encrypted data and conducts the printing on the basis of the decrypted data.

34.   The print system of claim 12, wherein after the printing is completed, the printer client system notified the printing result to at least one of the master server and the data server.

35.   The print system of claim 12, wherein the master server conducts a payment charging processing on the basis of the printing result.

36.   The print system of claim 12, wherein a trial printing is conducted before the printing.

37.   The print system of claim 12, wherein the printer client system comprises an information processing apparatus.

38.   The print system of claim 37, wherein the information

processing apparatus orders the printer to conduct the

printing on the basis of the request data after obtaining the

data storing location and downloading the request data and

notifies the printing result after obtaining the printing

result from the printer.

39.   The print system of claim 12, wherein the maser server

acts as the data server.

40.   A print system for use through a network, comprising:

      a data server connected to the network and to store

data in a plurality of data storing locations;

      a master server connected to the network and to store

data regarding the plurality of data storing locations; and

      a printer client system connected to the network and

having a printer;

wherein the printer client system requests log-in for the

master server;

      the master server certifies the request of log-in of

the printer client system; the printer client system

specifies data of a printing target and notifies the data of

the printing target to the master server;

the master server transmits estimated payment
information for the printing target to the printer client
system;

the printer client system indicates a payment on the
basis of the estimated payment information and sends an order
signal to the master server when order in accordance with the
estimated payment information;

the master server transmits job ID information and a
data storing location to the printer client system in
response to the order signal;

the printer client system accesses the data server on
the basis of the data storing location and sends the job ID
information and printing specification to the data server;

the data server specifies data on the basis of the job
ID information and applies a data conversion process and a
cryptograph process onto the specified data on the basis of
the printing specification;

the printer client downloads transmission format data
applied with the data conversion process and the cryptograph
process from the data server, decrypts the transmission
format data, conducts printing on the basis of the decrypted
data and notifies the printing result to at least one of the
master server and the data server; and   the master server

conducts a payment charging process on the basis of the

printing result.

41.   A printer client system connected with a service system

through a network, comprising:

a communicating section to access the service system

and to download data from the service system; and

a printer to conduct printing on the basis of the data;

wherein the communicating section notifies the printing

result to the service system.

42.   The printer client system of claim 41, wherein the

communicating section accesses the service system so as to

obtain a data storing location and downloads the data from

the service system on the basis of the data storing location.

43.   The printer client system of claim 41, further

comprising a storage section to store data corresponding to a

rental fee for materials and a rental fee for an apparatus.

44.   The printer client system of claim 41, wherein data

indicating the printing result includes data indicating a

success of image formations.

45.   The printer client system of claim 41, wherein the
printer client system conducts a payment charging process in
accordance with the printing result.

46.   The printer client system of claim 45, wherein the
payment charging process conducts based on data corresponding
to a fee for materials and a fee for an apparatus.

47.   The printer client system of claim 46, wherein the
payment charging process add data corresponding to a service
charge notified from the service system.

48.   The printer client system of claim 47, wherein the data
corresponding to a service charge of the service system
includes at least one of a data conversion fee to convert the
book into the image data and a service charge to provide the
image data.

49.   The printer client system of claim 45, wherein the data
indicating the printing result includes data indicating
whether image formations are succeeded or not.

50. The printer client system of claim 49, wherein when the image formations are not succeeded, the payment charging process is not conducted.

51. The printer client system of claim 41, wherein the printer comprises a finishing section.

52. The printer client system of claim 41, wherein the printer comprises a print failure detecting section.

53. The printer client system of claim 52, wherein when the print failure detecting section does not detect a print failure, data indicating a success of image formations are transmitted as the data indicating the printing result.

54. The printer client system of claim 52, wherein when the print failure detecting section outputs a print error signal, data indicating a failure of image formations are transmitted as the data indicating the printing result.

55. The printer client system of claim 41, wherein in the case of conducting printing plural times, a payment charging process is conducted in accordance with a printing result indicating a success of printing.

56.   The printer client system of claim 55, wherein the printing result is transmitted plural times for each printing job.

57.   The printer client system of claim 41, wherein the communicating section includes a selecting section to select a frequency of transmitting the printing result.

58.   The printer client system of claim 56, wherein as the frequency of transmitting the printing result, the printing result is transmitted for each page.

59.   A service system connected a printer client system through a network, comprising:

a storage section in which a plurality of data are stored in a plurality of data storing locations; and

a communicating section to allow the printer client system to download the data from the storage section and to receive a printing result from the printer client system which conducts printing on the basis of the downloaded data.

60. The service system of claim 59, wherein the
communicating section transmits a data storing location to
the printer client system which accesses the service system.

61. The service system of claim 59, wherein data indicating
the printing result includes data indicating a success of
image formations.

62. The service system of claim 59, wherein when the image
formations are not succeeded, the payment charging process is
not conducted.

63. The service system of claim 61, wherein in the case of
conducting printing plural times, a payment charging process
is conducted in accordance with a printing result indicating
a success of printing.

64. The service system of claim 59, wherein the service
system conducts a payment charging process in accordance with
the printing result.

65. The service system of claim 64, wherein the storage
section stores payment charging information and data relating
to a royalty of a copyright.

66.   The service system of claim 64, wherein storage section
stores payment charging information and at least one of a
data conversion fee to convert a book into image data a
service charge to provide the image data.

67.   The service system of claim 59, wherein the
communication section transmits estimated payment information
to the printer client system for a printing target designated
by the printer client system.

68.   A printer client system connected through a network
with a data server to store data and a master server to store
data storing locations, comprising:

       a communicating section to send a specified data of a
desired printing target to the master server, to receive the
data storing location transmitted from the master server, to
access the data server on the basis of the data storing
location, and to download data from the data server; and

       a printer to conduct printing on the basis of the data;

       wherein the communicating section notifies the printing
result to at least one of the master server and the data
server.

69.   A data server connected through a network with a master
server and a printer client system to store data storing
locations, comprising:

     a storage section in which a plurality of data are
stored in a plurality of data storing locations; and

     a communicating section to allow the printer client
system, which receives the data storing location from the
master server, to download data from the storing section on
the basis of the data storing location and to receive a
printing result from the printer client system which conducts
printing on the basis of the downloaded data.

70.   A master server connected through a network with a data
server to store data and a printer client system to conduct
printing based on the data, comprising:

     a storage section to store data storing locations; and

     a communicating section to transmit a data storing
location of a printing target when the printer client system
specifies the printing target and notifies the printing
target and to receive a printing result from the printer
client system which downloads data from the data server on
the basis of the data storing location and conducts printing
on the basis of the downloaded data.

71. A print system for use through a network, comprising:

a service system connected to the network and having a storage section in which a plurality of data are stored in a plurality of data storing locations; and

a printer client system connected to the network and having a plurality of printers, wherein the printer client system accesses the service system through the network so as to obtain a data storing location of request data, downloads the request data from the obtained data storing location of the storage section, and selects one of the plurality of printers so that the selected printer conducts printing on the basis of the request data.

72. A printer for use in a print system wherein a printer client system downloads data from a service system and conducts printing on the basis of the data, comprising:

a communicating section to access the service system so as to obtain a data storing location and to download data from the service system on the basis of the data storing location; and

a printing section to conduct printing on the basis of the data;

wherein the communicating section notifies the printing result to the service system.

73.   A printer for use in a print system wherein a printer client system to conduct printing on the basis of data, a data server to store the data and a master server to transmit a data storing location accessed by the printer client, comprising:

a communicating section to send a specified data of a desired printing target to the master server, to receive the data storing location transmitted from the master server, to access the data server on the basis of the data storing location, and to download data from the data server; and

a printing section to conduct printing on the basis of the data;

wherein the communicating section notifies the printing result to at least one of the master server and the data server.

74.   A print system for use through a network, comprising:

a service system connected to the network, having a storage section in which image data of a book are stored and providing the image data through the network; and a printer client system connected to the network, obtaining the image

data of the book through the network and having a printer to make a copy of the book by conducting image formations on recording sheets based on the obtained image data;

wherein a first charge information relating to the image data is stored in the service system, a second charge information relating to the image formations is stored in the printer client system, and a copy charge for the copy of the book is calculated based on the first charge information and the second charge information.

75.   The print system of claim 74, wherein the copy charge is calculated in accordance with the printing result.

76.   The print system of claim 75, wherein data indicating the printing result includes data indicating a success of image formations.

77.   The print system of claim 74, wherein the first charge is set by the service system.

78.   The print system of claim 74, wherein the first charge information includes a royalty of a copyright on the book.

79.   The print system of claim 78, wherein in the case that
the copyright on the book is terminated when the printer
client system conducts the image formations for the book, the
royalty of the copy right is excluded from the first chare
information.

80.   The print system of claim 74, wherein the first charge
information includes at least one of a data conversion fee to
convert the book into the image data and a service charge to
provide the image data.

81.   The print system of claim 74, wherein the second
charge information includes at least one of a rental fee for
materials and a rental fee for an apparatus which are used at
the time of the image formations by the printer client
system.

82.   The print system of claim 81, wherein at least one of
the rental fee for materials and the rental fee for an
apparatus can be set by the printer client system.

83.   The print system of claim 81, wherein before the
printer client system conducts the image formation, the copy
charge is calculated based on at least one of the rental fee

for materials and the rental fee for an apparatus which are

expected to be used.

84.   The print system of claim 81, wherein after the printer

client system conducted the image formation, the copy charge

is calculated based on at least one of the rental fee for

materials and the rental fee for an apparatus which were used

at the image formation.

85.   The print system of claim 74, wherein a payment

charging process is conducted based on the calculated copy

charge.

86.   The print system of claim 74, wherein the printer

client sets selectively image forming conditions and the

second charge information is changed in accordance with a

selected image forming condition at the time of the image

formation based on the image data.

87.   The print system of claim 74, wherein the printer

client system comprises a plurality of printers and the copy

charge for the copy of the book is calculated for each of the

plurality of printers.

88. The print system of claim 74, wherein the first charge information is transmitted from the service system through the network to the printer client system and the printer client system calculates the copy charge.

89. The print system of claim 74, wherein the second charge information is transmitted from the printer client system through the network to the service system and the service system calculates the copy charge.

90. The print system of claim 74, wherein after the printer client conducted the image formation, the second charge information is transmitted from the printer client system through the network to the service system and the service system calculates the copy charge.

91. A print system for use through a network, comprising:

a service system connected to the network, having a storage section in which image data of a book are stored and providing the image data through the network; and a printer client system connected to the network, obtaining the image data of the book through the network and having a printer to make a copy of the book by conducting image formations on recording sheets based on the obtained image data;

wherein a copy charge for the copy of the book is

calculated based on a first charge information which relates

to the image data and is set by the service system and a

second charge information which relates to the image

formations and is set by the printer client system.

92.   The print system of claim 91, wherein at least one of

the first charge information and the second charge

information is encrypted.

93.   The print system of claim 91, wherein at least one of

the first charge information and the second charge

information is provided with a digital signature encrypted by

a cryptograph key.

94.   A print system for use through a network, comprising:

    a service system connected to the network, having a

storage section in which image data of a book are stored and

providing the image data through the network; and a printer

client system connected to the network, obtaining the image

data of the book through the network and having a printer to

make a copy of the book by conducting image formations on

recording sheets based on the obtained image data;

wherein a copy charge for the copy of the book is calculated based on a first charge information which relates to the image data, is set by the service system and includes a royalty of a copyright on the book, a data fee to convert the book into image data and a service charge to provide the image data and a second charge information which relates to the image formations, is set by the printer client system and includes a rental fee for materials and a rental fee for an apparatus used at the time of the image formation.

95.   A printer client system connected to a network, comprising:

a communicating system to obtain image data of a book from a service system through the network; and

a printer to make a copy of the book by conducting image formations on recording sheets;

wherein a copy charge for the copy of the book is calculated based on first charge information relating to the image data and second charge information relating to the image formations.

96.   The printer client system of claim 95, wherein as the first charge information, the communicating system receives charge data from the service system.

97.   The printer client system of claim 95, wherein the printer comprises an image formation failure detecting section.

98.   The printer client system of claim 95, further comprising a storage section to store the second charge information in accordance with the image formations.

99.   The printer client system of claim 98, wherein the printer comprises an image formation failure detecting section.

100.   The printer client system of claim 99, wherein a payment charging process is conducted based on the second charge information in accordance with the detection result of the image formation failure detecting section.

101.   The printer client system of claim 99, wherein the communicating section transmits the second charge information to the service system in accordance with the detection result of the image formation failure detecting section.

102. The printer client system of claim 98, wherein the printer client sets selectively image forming conditions and the second charge information is changed in accordance with a selected image forming condition at the time of the image formation based on the image data.

103. The printer client system of claim 98, wherein the communicating system transmits the second charge information.

104. The printer client system of claim 98, wherein the second charge information includes at least one of a rental fee for materials and a rental fee for an apparatus which are used at the time of the image formations by the printer client system.

105. The printer client system of claim 104, wherein at least one of the rental fee for materials and the rental fee for an apparatus can be set by the printer client system.

106. A service system connected to a network, comprising:

a storage section in which image data of a book are stored; and

a communicating section to provide the image data

through the network to a printer client which conducts image

formations based on the image data;

wherein a copy charge for the copy of the book is

calculated based on first charge information relating to the

image data and second charge information relating to the

image formations.

107. The service system of claim 106, wherein the first

charge information includes a royalty of a copyright on the

book.

108. The service system of claim 107, wherein the first

charge information includes at least one of a data conversion

fee to convert the book into the image data and a service

charge to provide the image data.

109. The service system of claim 107, wherein in the case

that the copyright on the book is terminated when the printer

client system conducts the image formations for the book, the

royalty of the copy right is excluded from the first chare

information.

110. The service system of claim 106, wherein the second

charge information includes at least one of a rental fee for

materials and a rental fee for an apparatus which are used at

the time of the image formations by the printer client

system.

111. The service system of claim 106, wherein the printer

client sets selectively image forming conditions and the

second charge information is changed in accordance with a

selected image forming condition at the time of the image

formation based on the image data.

112. The service system of claim 106, wherein the payment

charging is conducted after the print client system made the

copy of the book.

113. The service system of claim 106, wherein the

communicating system receives a result of the image

formations.

114. A charge calculating method in a print system

comprising a service system connected to a network, having a

storage section in which image data of a book are stored and

providing the image data through the network; and a printer

client system connected to the network, obtaining the image

data of the book through the network from the storage section

and having a printer to make a copy of the book by conducting

image formations on recording sheets based on the obtained

image data, comprising:

calculating a copy charge for the copy of the book

based on first charge information relating to the image data

and second charge information relating to the image

formations.

115.   A payment charging method in a print system comprising

a service system connected to a network, having a storage

section in which image data of a book are stored and

providing the image data through the network; and a printer

client system connected to the network, obtaining the image

data of the book through the network from the storage section

and having a printer to make a copy of the book by conducting

image formations on recording sheets based on the obtained

image data, comprising:

charging a payment based on a copy charge for the copy

of the book calculated based on first charge information

relating to the image data and second charge information

relating to the image formations.

116. The payment charging method of claim 115, wherein the first charge information includes a royalty of a copyright on the book.

117. The payment charging method of claim 116, wherein the first charge information includes at least one of a data conversion fee to convert the book into the image data and a service charge to provide the image data.

118. The payment charging method of claim 116, wherein in the case that the copyright on the book is terminated when the printer client system conducts the image formations for the book, the royalty of the copyright is excluded from the first chare information.

119. The payment charging method of claim 115, wherein the second charge information includes at least one of a rental fee for materials and a rental fee for an apparatus which are used at the time of the image formations by the printer client system.

120. The payment charging method of claim 115, wherein the printer client sets selectively image forming conditions and the second charge information is changed in accordance with a

selected image forming condition at the time of the image

formation based on the image data.

121.   The payment charging method of claim 115, wherein the

payment charging is conducted after the print client system

made the copy of the book.

122.   The payment charging method of claim 115, wherein the

communicating system receives a result of the image

formations.

123.   A print system for use through a network, comprising:

a service system connected to the network, having a

storage section in which image data of a book are stored and

providing the image data through the network; and a printer

client system connected to the network, obtaining the image

data of the book through the network and having a printer to

make a copy of the book by conducting image formations on

recording sheets based on the obtained image data;

wherein when a copy of a book is made based on the same

image data, a copy charge for the copy of the book becomes

different in accordance with a image forming condition.